

The canoe has opened its casualty list for the season.

But that change in styles is not retroactive. There's last year's clothes, for example.

There are even more American visitors in Europe in time of war than in time of peace.

Those "bomb proof" jobs do not seem, however, to be draft proof, especially in the navy.

Without exaggeration, our American boys over there have been fighting like a bunch of wildcats.

Neither will anyone object to the substitution of chicken for beef in those harvest dinners.

The clover crop is coming on fine, so we shan't have to suffer from any cloverless days this winter.

Some enemies plot to wreck troop trains, others merely conspire to get rich off government contracts.

It is too hot to do anything but lay in that winter fuel. You are crazy with the heat if you don't do it.

There are times when one gets peevish at a potato, notwithstanding the potato's well-known patriotism.

The boy who wields the hoe is upholding the big brother who is operating the machine gun or the airplane.

When a certain order of slacker applies at the pearly gates he may find that St. Peter is a conscientious objector.

We care not how often mother has her day, but in justice to all concerned let's see to it that father gets his nights.

Burlap famine threatens and price of leather has advanced. Horrors! What will we wrap our feet in next winter?

The government's meat program is liberal enough, but not all of us like our meat served as the government likes it.

In the reorganization of the railroads in the interests of conservation and economy, will the baggage smasher remain?

We have 148,868 men in our aviation service, it is reported, which is another reason why Germany is so anxious to end the war before we get well under way.

Less material will be put into men's clothes this year. Any warm weather sufferer should be willing to start by dispensing with collars, cuffs and suspenders.

Nope, you're wrong. A keynote speech isn't for the purpose of throwing the con into the convention, but of putting the thews into the enthusiasm.

If Nicholas were either a warrior or a politician he would be strongly tempted to show the sorrow-stricken Russian people that an ex-czar can come back.

Why, of course it's all right about cutting out the beef for a while! A hunk of pork with those string beans that the garden is just about ready to deliver in quantity will be quite plenty.

The Kaiser has approved the selection of Prince George of Saxony as king of Lithuania, and whether the Lithuanians approve or not is of no importance whatever.

The demand for glycerin to make explosives is said to menace a shortage of soap. There may be schoolboys whose eyes will shine at this report, if not their morning faces.

The most complimentary thing that has been said about the German-Americans is the Berlin Lokal Anzeiger's admission that they "are insufficiently equipped with kultur."

There is to be enough sugar on hand, it is said, to meet all requirements, but let's not forget that a whole lot of things that sugar is used for are not requirements—for instance, fudge.

The baby-carriage industry may be halted because of lack of material, baby buggies not having been classed as essential by the government authorities. Perhaps the babies can be persuaded to take up walking as a fad.

A pro-czar movement is growing in Russia, and it could not be any worse than some other movements that have grown there recently.

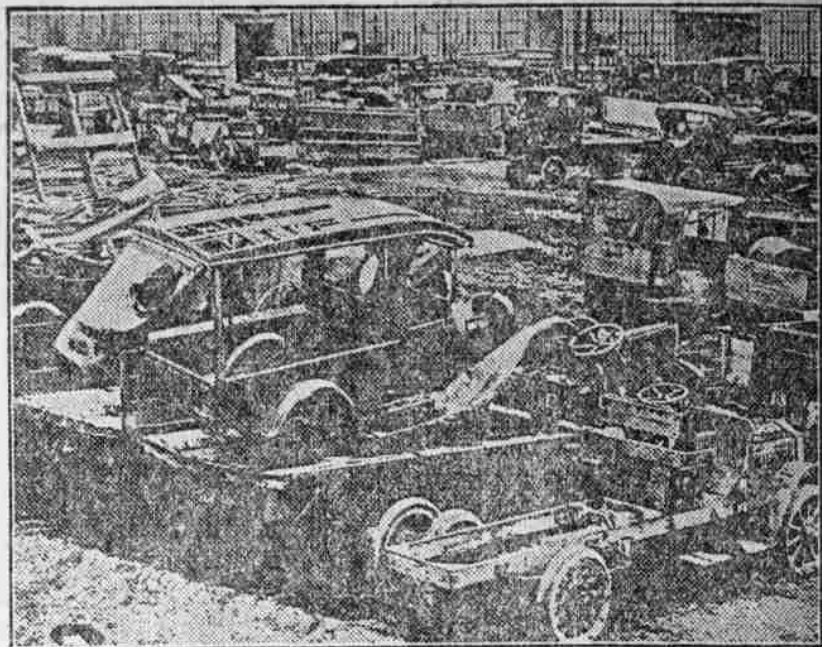
Some enterprising business man could get a phenomenal amount of free publicity by selling something at the same old price.

It is said that 200,000 young women are studying stenography in the United States. They must think that it is the purpose of the United States' politicians to talk Germany to death.

One of the German submarines chased a steamer pretty close to Sandy Hook, but not close enough to absorb any ideas of liberty.

If the new meatless days break up the monotony of "bacon and" at many a boarding house breakfast some good will have been accomplished.

## GREAT ORDNANCE BASE ESTABLISHED BY AMERICAN FORCES EMPLOYED IN FRANCE



A great ordnance base has been established by the American forces in France. Several thousand men are employed there in the various departments. The picture shows the reception park and workshop of the motor mechanics' division of the quartermaster corps.

## SUBSTITUTES TO SAVE ESSENTIALS

Automobile Makers Are Urged to Exercise Greatest Care in Selecting Materials.

## STRAIN IN LEATHER SUPPLY

Tests Have Repeatedly Shown That Tensile Strength Is Greater Than Real Article—Are Not Affected by Weather.

Manufacturers of motorcars can effect a considerable saving in material if reasonable care is exercised in the selection of substitutes, according to Fred K. Parke, president of a Michigan motor concern. As one of the first and most important steps in this direction, Mr. Parke suggests the use of substitute leather for upholstery in passenger cars and trucks.

"Automobile manufacturers will go a long way toward meeting the government half way in its efforts to keep the industry going by the use of substitute leather," says Mr. Parke. "In addition to the tremendous amount of leather being used by our government for harness, saddles, shoes and a hundred other things, the allied governments are laying plans to buy leather in the American markets for use of the armies in France in a very short time. The British government purchased a large amount of leather last year and consumed almost the entire supply of some grades.

Leather Supply Strained. "Shoe factories also will be busy making shoes for General Pershing's army, as the war department plans to call for a million and a half each month. This means that the country's source of leather supply will be strained to the limit."

Mr. Parke has made a complete investigation of the possibilities of substitute leather and has come to the conclusion that for most purposes, it should give as much or more satisfaction than the best leather. Tests have repeatedly shown that the tensile strength is greater and that it will far outlast real leather. Substitute leathers are usually made of a waterproof material and are not affected by weather as is leather. For this reason, the war department has specified uses, such as truck covers, ambulance upholstery, sweat bands in steel helmets, leggings, waterproof coats and ponchos.

No Saving in Substitute.

The automobile manufacturers will not save any money in using the substitute leather. It will cost him as much as some grades of leather that have been universally used during the last few years.

"I believe automobile buyers will readily co-operate if all automobile manufacturers will adopt the substitute leather as a patriotic move," says Mr. Parke. "I have discussed the subject with a great many dealers during the last week and all have expressed their enthusiastic willingness to co-operate."

"These same dealers have since written me that owners to whom they have talked declare that they will be glad to accept their cars, whether they be expensive twelve-cylinder cars or light medium-priced cars, upholstered with substitute leather. It is up to every one of us to work with the government at this time, and I believe the automobile industry can do much by taking action in this matter at once."

To Prevent Skidding.

Unequally adjusted rear-wheel brakes are a potent cause of skidding and it is wise to make frequent tests of the parts for incorrect adjustment. It is necessary to have some one with you to watch the wheels. Drive the car along a dry road, accelerate quickly and then suddenly apply the brakes. If one wheel slides while the other is revolving, it may be taken for granted that the brakes are not holding with equal effectiveness.

## RUN CARS WITHOUT BATTERY

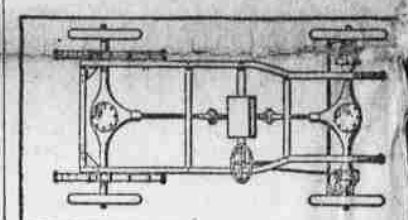
Engine Will Have to Be Operated at Fairly Good Speed, But Is Better Than Nothing.

In many makes of cars using battery ignition it is possible to keep the car running without the use of the battery. The systems referred to are those in which the generator feeds the load above a certain engine speed, the battery being used merely for car speeds under 15 miles per hour. If the battery should fail the engine cannot be started in the regular way, but once started by means of a tow or by running down hill, it can be kept running. Of course this means that the starter cannot be used and that the engine will have to be operated at a fairly good rate of speed, but then this is better than not running at all.

## PLAY IN SHAFT IS OVERCOME

Spring End Bearings Placed at Each End Solve Problem—Vibration Is Eliminated.

The drive shaft on an automobile was provided with universal joints that permitted a free lengthwise motion of the shaft, this occurring when the car was fully loaded. After a little while the inner portion of the joint housing became slightly worn, and it



Automobile Drive Shaft Floats Between Coil Springs at Its End.

was not long before the shaft was sliding back and forth continuously. A spring was placed, at each end of the shaft, as shown in the sketch, and this solved the problem, says Popular Mechanics Magazine. The shaft thus continually floats between the two springs, and the rear-joint housing is the only part that moves when the car is loaded. Vibration is wholly eliminated.

## AUTOMOBILE INDUSTRY IS HIT

Estimated That at Least 60,000 Men Are Now in Service, Wearing Khaki or Blue.

It is estimated that at least 60,000 men who were employed in the automobile and allied industries at this time last year are now in the service of Uncle Sam, either wearing the khaki and blue of the army and navy or engaged in the production of war material and military equipment. The department of labor says the automobile and allied trades has lost a higher percentage of employees than any other industry. The decrease in the number of workers in January was more than one-tenth of the total number employed during the previous month, according to the statement quoted.

## TO REMEDY VALVE TROUBLES

Where Proper Opening Is Lost or Account of Constant Hammering Drill Hole in Stem.

It frequently happens that the valves become short in the stem from constant hammering and if the tappets are not adjustable, proper valve opening is lost. To remedy this condition drill a small hole up the valve stem and file a steel peg that may be driven tightly into this hole. Drill and countersink a hole through a piece of steel strip and rivet it into the stem by means of the projecting bit of steel pin. Trim off the job with a file. Another way to the same end is to drill and tap a small hole up the stem and screw in a small steel bolt.

## Wire Wheel Inspection.

Wire wheels are usually installed over false hubs and locked in position by lock nuts. It is advisable to inspect these lock nuts frequently and tighten same. If wheel becomes loose on the false hub it will creak and in time injure the fittings.

## FROM ALL PARTS OF TENNESSEE

Reports of Interesting Events Boiled Down for Hasty Perusal.

Johnson City.—The wholesale house of Lockart Brothers, was destroyed by fire, entailing a loss of stock estimated at \$120,000.

Nashville.—The Southern Association of High Schools, Normal Schools and Colleges held its second meeting at George Peabody College for Teachers.

Newbern.—The Newbern high school will open its fall and winter terms beginning Sept. 2, under the supervision of Prof. C. R. Mullins and Prof. Denton.

Memphis.—Ten United States navy recruits were accepted at the Memphis navy recruiting station. Five were Memphis boys out of the ten accepted.

Knoxville.—John J. Bryant, 33, died at a local hospital, having been run down by an automobile truck when he sustained, among other injuries, a fractured skull.

Nashville.—The federal food administration of Tennessee, of which H. A. Morgan is director, and the Tennessee Retail Hardware Association, held a joint meeting here.

Whiteville.—About 200 negro preachers attended the district conference of the Methodist Episcopal church (colored) held here. Delegates came from all parts of the country.

Nashville.—Chairman L. D. Hill of the democratic state primary board issued a notice calling upon all county boards, as prescribed by law, to meet and canvass the election returns.

Dyersburg.—Raymond Grills, the 17-year-old son of County Superintendent of Education R. M. Grills, was drowned in the Ohio river, near Trimble, when out swimming with a party of friends.

Nashville.—The executive committee of the Nashville chapter of the Red Cross has authorized the formation of a local Red Cross motor corps. Commander Gen. E. B. Harrington, of the southern division, came here for the purpose of perfecting this organization.

Chicago.—Richard Hest and Carl Roswinkle, alien Germans, who have been in the custody of federal officials for several days, will be interned at Fort Oglethorpe, according to telegraphic orders received here by United States Marshal Stanley Trezevant. The men are automobile mechanics and violated their permits in leaving Cincinnati several weeks ago.

Milan.—The Red Cross held a contribution auction sale last week and realized \$202.25. This was for little items of donations, the biggest being a pig and the smallest being the penny given by a child. A \$5 pig donated brought \$56.95, and a small basket of fruit donated by a little girl, was sold and resold to amount to \$14.50. A cake baked by one of the citizens who was born in Germany, brought \$22.

Nashville.—Governor Rye issued a statement on the state primary and the result: "It appears from the returns in the senatorial election that Senator Shields has been nominated to succeed himself and I most cheerfully submit to the verdict of the people as expressed at the ballot box. I wish to say, however, that I waged an open fight for the coveted honor and presented my case as best I could in the brief campaign I made."

Reports from two-thirds of the state show that Shields has received 23,020 votes and Governor Rye 9,972 votes. This same two-thirds of the state had voted 14,378 for Judge Roberts and 9,250 for Austin Peay. The counties not heard from are largely in East Tennessee.

Estimates as to the total vote from 40,000 to 80,000, but it is generally acknowledged that a very light vote was polled, probably the lightest in years.

Knoxville.—The 117th Infantry, composed of Tennessee troops, has been in the trenches in a quiet sector, but under a grueling fire from the German artillery, after being reviewed by Gen. Pershing, according to a letter from Col. Cary F. Spence, commanding the regiment, to his wife in this city.

Colonel Spence had a narrow escape when eight boche shells burst about the automobile in which he was riding. They moved out on good order "with only a few scratches."

Mustard gas is giving the men a great deal of trouble, and they are forced to sleep in the daytime as the bombardment is so terrific at night, with the consequent greater hazard of being gassed.

Tennessee stands third among the states in the Union in the sale of war savings stamps, which is being conducted by merchants all over the country. The campaign is known as the "merchants' drive." Her percentage is 29.7. Missouri leads with 44.1, and New Mexico is second with 31.2 per cent.

## The Habit of Self-Denial

By REV. ED. F. COOK, D. D.  
Director Missionary Course, Moody Bible Institute, Chicago

TEXT.—If any man will come after me, let him deny himself, and take up his cross daily, and follow me.—Luke 9:23.

It requires self-abnegation to follow low Christ in the way of everlasting life, and utmost



self-denial to enter fully with him into his program for the world. In man's relation to Jesus Christ self-denial is an essential mark of discipleship, and a first requisite to reality of spiritual experience. In man's relation to man and to world betterment self-denial is fundamental to all effective ministry of the Gospel.

The self-denial of which the Master speaks in the text is not to be thought of as an impulsive act, or as a spasm of self-forgetfulness, but rather as a habit of life. The self-denial to which he refers is more than unselfishness in meeting emergent demands. It is more than liberality in times of special public need; it is in reality a matter of daily practice. The Master no doubt places special emphasis upon "daily" when he says, "If any man will come after me, let him deny himself, and take up his cross daily, and follow me." A self-denial which is less than a fixed principle of life and less than a daily practice cannot usher a man into the comradeship of Christ in service. If ever we follow him truly it is in the way which he here describes.

In the day of our nation's glory and power, with the doors of Christian opportunity wide open in every land, we have failed to enter fully into the Master's plan for his world. Christ has been too largely shut out of the life of the American people through a gradual yielding to the subtle temptations of great prosperity. We have accepted with indifference his great commission and have put forth but meager effort to evangelize the nations. The love of luxury and ease has produced such softness and self-indulgence in the churches of America as renders difficult the response to a challenge which demands heroic self-denial and self-abnegating service.

The American people have, however, been brought by the exigencies of war to the practice of self-denial, self-sacrifice and liberality in giving to an extent unprecedented in our history. Splendid has been the response to the nation's call for men and money. Both are being offered without stint. The moving of the American heart in pity for human suffering, and the new evaluation of physical strength and moral power, have led the American people to pour out their wealth in order to feed the hungry, heal the suffering, comfort the sorrowing, and to equip and protect our soldiers in both moral and physical efficiency. In the awful school of war we are learning lessons of great moral value.

The peril is that after the war we may lapse again into the softness and needless self-indulgence of other days. Weary of self-restraint and self-denial, it will be easy to rush again to the frivolities and pleasures of the world and to the luxurious living to which the American people have become so accustomed.

In such a return to selfishness, self-indulgence and self-love, there are imminent perils to our nation and to the cause of Christ. Against such a peril our people must be protected. This can best be done by keeping before them the Master's great world-program: The enterprise of foreign missions. It alone of all human enterprises carries the full moral equivalent of war. It alone makes a like appeal to that of war—to love, to loyalty, to courage and self-sacrifice. The missionary enterprise alone presents the utmost appeal of love to God and of love to our fellow men. It develops as no other obligation or activity the sense of the Fatherhood of God and the consciousness of the brotherhood of man. If we would preserve in the heart of this nation the finest, the noblest, the best products in human character of this great war, we must make of America a great missionary nation, fired with a passion for worldwide service. To this end the churches of America must be held to a vision of the Master's missionary program for the world. They must be led to see that victory for the allies is but a partial victory and the world-wide peace which the allies demand but a temporary peace, unless we hold the "salient," already driven into heathen darkness, and resolutely drive on to fullest success in the foreign mission enterprise. There is no possible basis of permanent world-peace which does not take account of Christ and his kingdom on earth.

It is of supreme importance, therefore, that we hear with new interest and resolution the Master's challenge to self-denial. Having learned in war through love of country the meaning of willing self-sacrifice, let us now for love of Christ learn the full meaning of following him in sacrificial service.

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Few women have been so hard worked since the war as Mrs. Bramwell Booth, wife of the Salvation Army chief. But in her scant leisure Mrs. Bramwell Booth can tell a good story. One of them concerns a certain drunkard who fell into the hands of the Salvation Army.

"He had been drunk for so long," said Mrs. Bramwell Booth, "that he was able to give us very little information about himself. Eventually, however, we discovered that he was married and that his deserted wife lived in a town in the Midlands. We immediately telegraphed to her: 'We have found your husband.' In a very short time we got the reply: 'You can keep him!'"

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## Hurry-Up Call for Grandmothers.

A little boy, three years old, went to his grandmother's home for a visit. She didn't think too much pastry was good for children. He asked for a second piece of cake, but grandmother said one piece was all that was good for him.

"Do all grandmothers think that?" he asked. He was told that they did, and turning to his mother he said: "Well, I wish I had four grandmothers, all here now."

## Extreme View.

"Ella is getting fat about this sanitary pure food business."

"Yes; she won't even listen to a fellow's chaff unless it is pure nonsense."

## That Is If He Isn't a Scout.

"What does a person usually grow in his garden?"

"Tired."—"Boys' Life."

Exactly So.

Nell—He told me he would go to the end of the world to serve me.

Belle—Well, that's going the limit.

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